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- (71) Applicant (for all designated States except US): VASO-GEN IRELAND LIMITED [IE/IE]; Shannon Airport House, Shannon, County Clare (IE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MANDEL, Arkady [CA/CA]; 277 Hidden Trail, North York, Ontario M2R 3S7 (CA). BOLTON, Anthony, E. [GB/IE]; Unit 01 North Ring Business Park, Santry, Dublin 9 (IE).
- (74) Agents: JOACHIM, Roland, H. et al.; Ridout & Maybee LLP, One Queen Street East, Suite 2400, Toronto, Ontario M5C 3B1 (CA).

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#### (54) Title: ACUTE INFLAMMATORY CONDITION TREATMENT

## TNF-α/GAPDH levels 0.70 0.60 0.50 TNF-a/GAPDH 0.40 0.30 0.20 0.10 0.00 2hrs 6hrs 12hrs 24hrs 48hrs

(57) Abstract: This invention provides a method for prophylaxis or treatment of an acute inflammatory disorder, comprising administering to a patient an effective amount of pharmaceutically acceptable bodies carrying an effective number of phosphate-containing groups presented or presentable on the surface of said bodies, the phosphate-containing groups comprising a plurality of phosphate-glycerol groups or groups convertible to such groups, to inhibit and/or reduce the progression of the acute inflammatory disorder, said bodies being of a size from about 20 nanometers (nm) to 500 micrometers (µm).